
AI translation · View original & related papers at
chinaxiv.org/items/chinaxiv-201711.02123

Effects of Mixed Planting of Different Rice Varieties with Duck Raising on Soil Nutrient Dynamics: Postprint

Authors: Li Meijuan, Zhou Nian, Zhang Jiaen, Xiang Huimin, Kaiming Liang

Date: 2017-11-08T00:00:00+00:00

Abstract

Both rice-duck co-cultivation and rice variety mixing can produce favorable ecological effects; however, whether these two techniques can be integrated, i.e., through the combination of different rice variety mixing and rice-duck farming, to generate ecological effects and production benefits that achieve ‘1+1>2’, is a subject worthy of practical investigation and discussion. To ascertain the application feasibility of this composite biodiversity utilization model involving multi-variety rice mixed cultivation with ducks, this experiment established eight planting patterns for field trials: conventional monoculture rice planting (with pesticide and fertilizer application), monoculture rice with duck farming, monoculture rice blank control (no duck farming and no fertilizer or pesticide), conventional mixed rice variety planting (with pesticide and fertilizer application), mixed rice varieties with duck farming, and mixed rice varieties blank control (no duck farming and no fertilizer or pesticide), to investigate the effects of different rice variety mixed cultivation with ducks on soil nutrient dynamics and #1;#1;#1;

Full Text

I notice that only the header “## Preamble” was provided in the “TEXT TO CLEAN” section. The actual content requiring cleanup appears to be missing.

Please provide the complete text that needs formatting corrections, including any: - XML/HTML tags (e.g.,

,

) - Watermark artifacts - Duplicate sections - LaTeX expressions - Section headers and body content

Once you share the full text, I will clean it up while preserving all mathematical expressions, citations, and academic structure.

Note: Figure translations are in progress. See original paper for figures.

Source: ChinaXiv – Machine translation. Verify with original.